

WET CHEMICAL FIRE EXTINGUISHER

GENERAL

"Protec" Class F Wet Chemical Foam stored pressure portable fire extinguishers are manufactured and conformed to BS EN3 Parts 7 to 9 and SS EN3 Parts 7 to 9 : 2012 standards under strict ISO 9001:2008 Quality Management System.

The chemical in this extinguisher is based on nitrogenated derivatives and ammonium salts of phosphoric acid and hydrocarbon and fluorinated surfactants in aqueous solution. It is specifically for dealing with very high temperature (360°C+) cooking oils and fats use in large catering kitchens, restaurants and take away establishments. Due to the high auto-ignition temperatures, cooking oil fires are very difficult to extinguish. Hence, conventional extinguishers are not generally effective for cooking oil fires because they do not cool the oil sufficiently and may cause flash back, placing the operator at risk. The specially formulated wet chemical foam has a very strong smothering action on cooking oil type fires and forms a very compact foam on the surface preventing re-ignition.



FEATURES:

- Manufacture in accordance with and tested to BS EN3 Parts 7 to 9 and SS EN3 Parts 7 to 9 : 2012
- CE marked in accordance with the PED.
- Safe, reliable and quality assured for long service life.
- Tested for Class A, Class B and Class F fires.

SAFETY

It is recommended that all personnel should be trained in the operation of the mobile fire extinguisher for their own safety and to maximise the effectiveness of the extinguishing agent.

APPROVAL

- LPCB, UK
- SETSCO Singapore

TECHNICAL SPECIFICATIONS

Model	PRO-2-WC	PRO-3-WC	PRO-6-WC
Capacity	2-Litre	3-Litre	6-Litre
Extinguisher Agent	Wet Chemical		
Type	Stored Pressure		
Class of Fire	A, B, F		
Fire Ratings	8A / 34B / 25F	13A / 70B / 40F	21A / 113B / 75F
Working Temperature	5°C to 60°C		
Working Pressure	9 bar		
Test Pressure	27 bar		
Overall Height	398mm	440mm	540mm
Diameter	103mm	132mm	165mm
Empty Weight	1.9 Kg	2.3 Kg	3.5 Kg
Full Weight	3.9 Kg	5.3 Kg	9.5 Kg
Discharge Time	11 sec	36 sec	43 sec
Safe Operating Distance	1.5M		
Propellant	Nitrogen		
Cylinder Material	Steel		
Extinguisher Valve	Brass Chrome		
Paint Finish	RAL 3000		
Approval	LPCB, UK & SETSCO SINGAPORE		